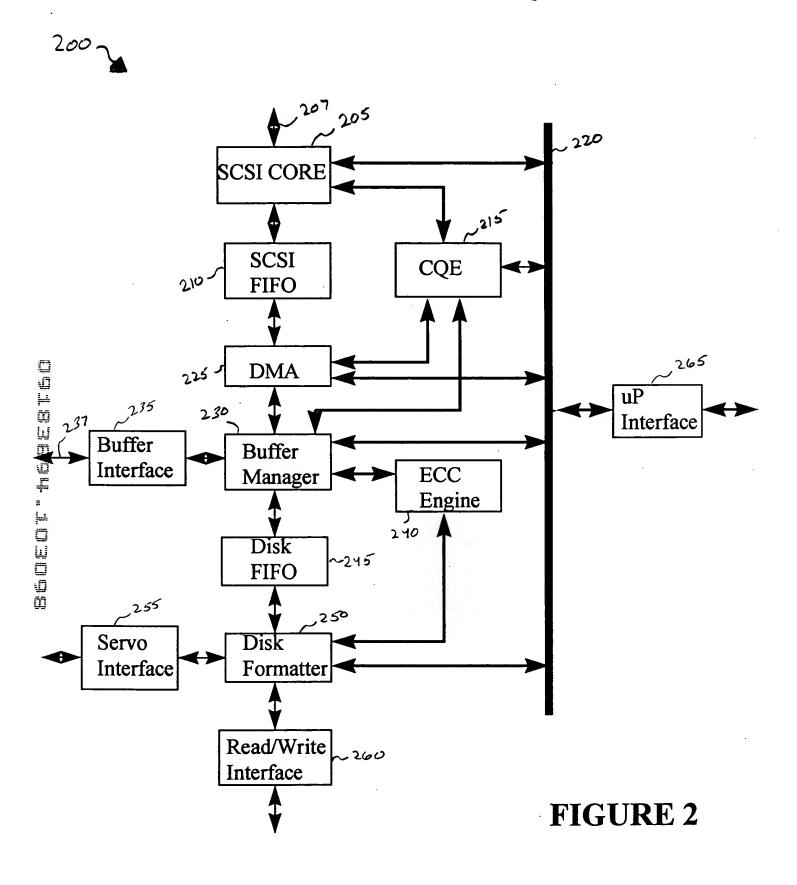
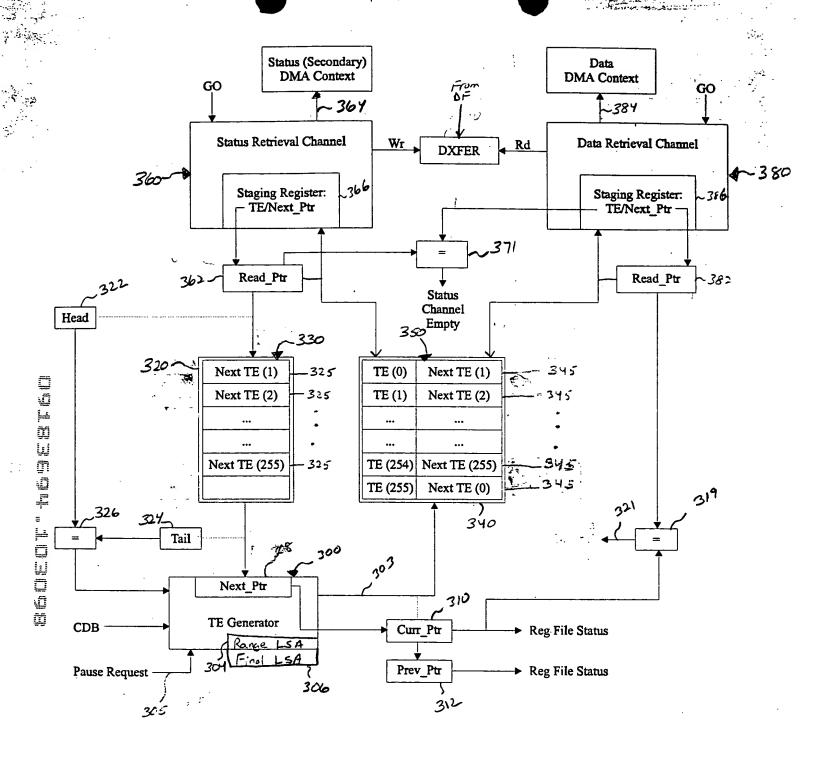
FIGURE 1

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FIGURE 3

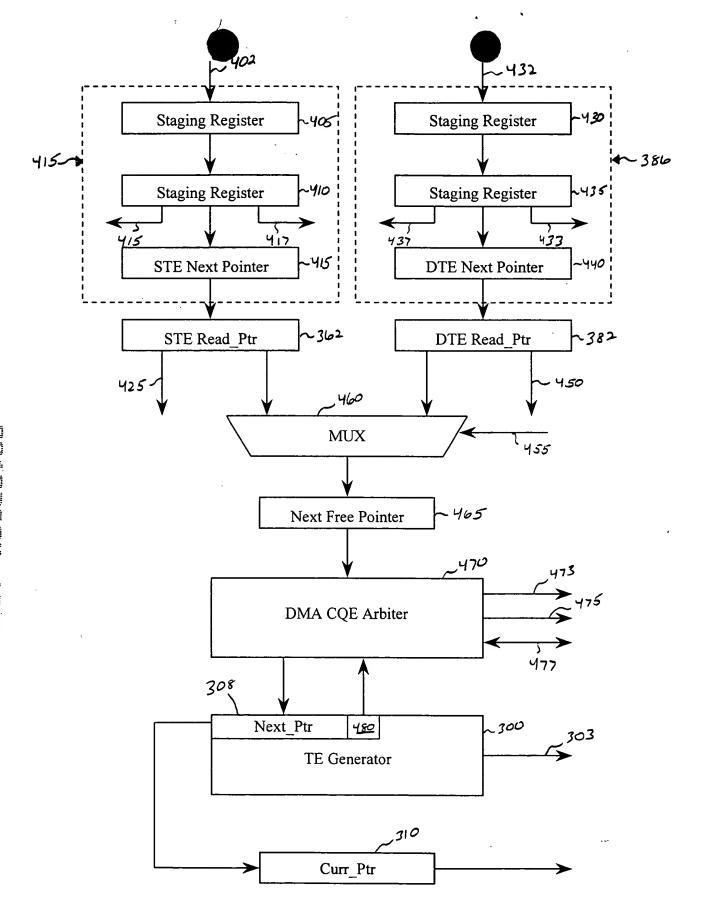
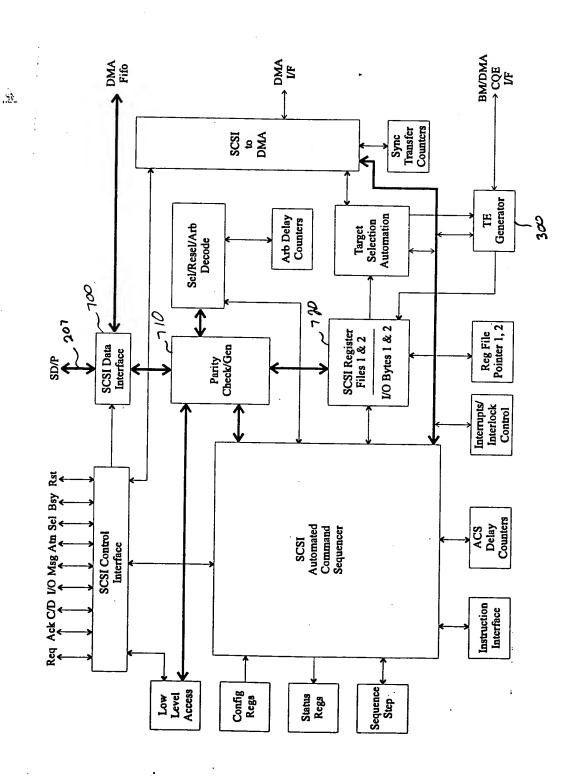
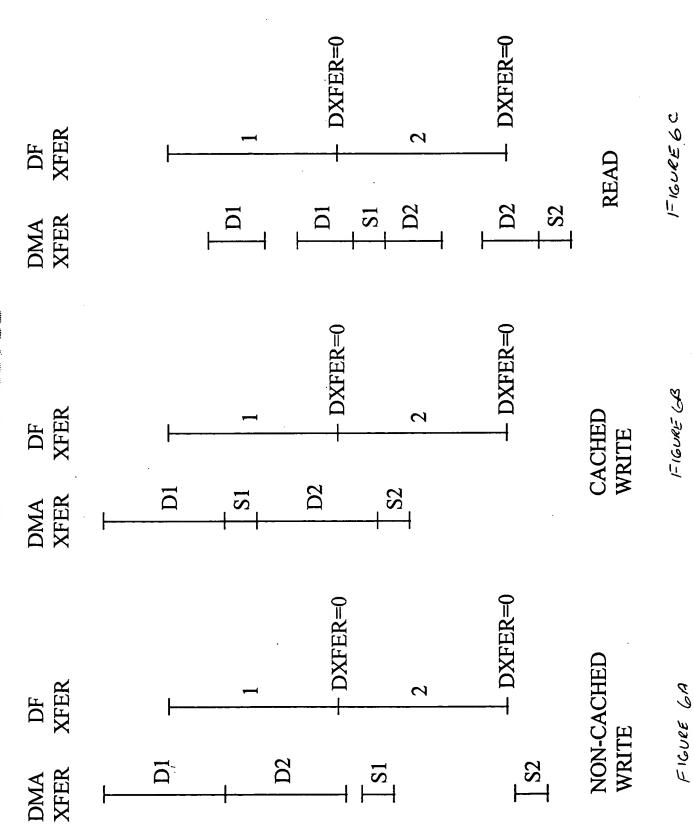


FIGURE 4



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FIGURE S



S_SRF1	S_SRF2	Automated	Commands	Non-Automat	ed Commands
Address	Address	High Byte	Low Byte	High Byte	Low Byte
0C80h	0CB0h	-InitID-(3:0)	Identify .	InitID (3:0)	Identify
0C82h	0CB2h	unused	unused	unused	unused
0C84h	0CB4h	Opcode	LUN'	CDB0 (Opcode)	CDB1
0C86h	0CB6h	Queue Code	Queue Tag	Queue Code	Queue Tag
0C88h	0CB8h	LBA (NLSB)	-LBA (LSB)	CDB4	CDB5
0C8Ah	0CBAh	LBA (MSB)	LBA (NMSB)	CDB2	CDB3
0C8Ch	0CBCh	Secondary LBA (NLSB)	Secondary L-BA (LSB)	CDB8	CDB9
0C8Eh	0CBEh	Secondary LBA (MSB)	Secondary LBA (NMSB	CDB6	CDB7
0C90h	0CC0h	Length (NLSB) -	Length (LSB)	CDB12	CDB13
0C92h	0CC2h	Length (MSB)	Length (LMSB)	CDB10	CDB11
0C94h	0CC4h	SRF1S/SF	RF2S (RO)	SRF1S/SF	RF2S (RO)
0C96h	0CC6h	Reserved Byte	Control Byte	CDB14 CDB15	
0C98h	0CC8h	SRF1FLL/SRF2FLL		SRF1FLL.	/SRF2FLL
0C9Ah	0CCAh	SRF1FLH/SRF2FLH		SRF1FLH	/SRF2FLH
0C9Ch	0CCCh		/SRF2TCP	SRF1TCP	/SRF2TCP
0C9Eh	0CCEh	SRF1TPP.	/SRF2TPP	SRF1TPP	/SRF2TPP
0CA0h	0CD0h	SRF1CQES.	/SRF2CQES	SRF1CQES	/SRF2CQES

FIGURE 7 A

Byte	Auto Positioned	Non Auto Positioned	Reg File 1 Address	Reg File 2 Address
Byte 0	InitID	InitID	0C81h	OCB1h
Byte 1	Identify	Identify	0C80h	0CB0h
Byte 2	Queue Code	Queue Code	0C87h	0CB7h
Byte 3	Queue Tag	Queue Tag	0C86h	0CB6h
Byte 4	Opcode	CDB0	0C85h	0CB5h
Byte 5	LUN	CDB1	0C84h	0CB4h
Byte 6	LBA (MSB)	CDB2	0C8Bh	0CBBh
Byte 7	LBA (NMSB)	CDB3	0C8Ah	0CBAh
Byte 8	LBA (NLSB)	CDB4	0C89h	0CB9h
Byte 9	LBA (LSB)	CDB5	0C88h	0CB8h
Byte 10	SLBA (MSB)	CDB6	0C8Fh	0CBFh
Byte 11	SLBA (NMSB)	CDB7	0C8Eh	0CBEh
Byte 12	SLBA (NLSB)	CDB8	0C8Dh	0CBDh
Byte 13	SLBA (LSB)	CDB9	0C8Ch	0CBCh
Byte 14	LEN (MSB)	CDB10	0C93h	0CC3h
Byte 15	LEN (NMSB)	CDB11	0C92h	0CC2h
Byte 16	LEN (NLSB)	CDB12	0C91h	-0CC1h
Byte 17	LEN (LSB)	CDB13	0C90h	0CC0h
Byte 18	Reserved Byte	CDB14	0C97h	0CC7h
Byte 19	Control Byte	-CDB15	0C96h	0CC6h

CqeFlag	CqeLink	DiscPriv CqeTid CqeLink CqeFlag CqeNaca CqeRead	EnSeq DiscPriv CqeTtd CqeLink

F 19018 8A

CQE Sequential Fields

1	0	
	1	
	7	
	3	
,	4	
	\$	
	9	
	7	CQEFLLWord
	8	CQEFLLWor
	6	
	10	
	2 11	
	1	
	13	
	14	•
	Blt 15	

Figure 8B

1=13016 8C

CQE Final LSA Low Word

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CQE Final LSA High Word

13	12	11	91	•	œ	7	9	vo	4	6	7	-	0
	CmdGtMax	CindGiMax NatPtVId QFuilBusy SeqCrinid RWCrinid AWrOK ACWrOK ACRAOK	QFullBusy	SeqCmnd	RWCmnd	AWrOK	ACWIOK	ACROOK	TEGip	CAF	TEFull	TEFull DTEEofQ STEEofQ	STEEofQ

CQE Status

First TE = 2 Last TE = X First LSA = 1000 Final LSA = X	Last $TE = X$ First $LSA = 5$ Final $LSA = X$
	Last TE = 2 First LSA = 1000 Final LSA = 1001
First TE = 0 Last TE = X First LSA = 0 First LSA = X First LSA = X First TE = X First LSA = X First LSA = 0 Last TE = 1 First TE = 0 Last TE = 1 First LSA = 0 First LSA = 0 First LSA = 5 First LSA = 5	Last TE = 1 First LSA = 0 Final LSA = 5
Prev. Final LSA = X Current Pointer = 0 Previous Pointer = X Current Pointer = 1 Prev. Final LSA = 2 Current Pointer = 1 Prev. Final LSA = 5 Current Pointer = 2 Previous Pointer = 1	Current Pointer = 3 Previous Pointer = 2
Final LSA = 2 C urrent Pointer = 0 Previous Pointer = X C urrent Pointer = 1 Previous Pointer = 0 Final LSA = 1001 C urrent Pointer = 2 Previous Pointer = 2 Previous Pointer = 1	C urrent Pointer = 3 Previous Pointer = 2
CDB LSA = 0 LEN = 2 LEN = 2 LEN = 3 LEN = 1 LSA = 1000 LSA = 5	LEN = 1

FIGURE 9

